

METERING

Quick STUDY

Hydra-Cell[®]
Seal-less Pumps

www.Hydra-Cell.com

Location:	Uzbekistan
Application:	Water treatment
	Metering
Media:	• Polymer • Aluminum sulfate
Model No.:	D10XKPTSFEPA x 4
Flow Rate:	7 gpm (27 l/min)
Pressure:	145 psi (10 bar)
Hydra-Cell Advantages:	• Low purchase price • Low pulsation



Metering Polymers for Water Treatment

D10 pumps meter water treatment chemicals into the discharge stream of an ITT centrifugal pump in this application.

ITT chose the Hydra-Cell D10 over a conventional metering pump because the multiple-diaphragm design of Hydra-Cell provides virtually pulse-free flow without the need for expensive pulsation dampeners. This made the low initial price of the D10 even more attractive.

Characteristics of Fluid Pumped:

☐ Contains Abrasives ☐ Corrosive ☐ Solids in Suspension ☐ High-temp. (>158°F/70°C) ☐ Non-lubricating ☐ High-viscosity (>500 cPs)